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Abstract of the Disclosure

Methods for determining database management system server hardware requirements as a function of user-supplied transactions per second requirements, maximum processor utilization, and server type. Methods are also provided for determining workload requirements as a function of the expected transaction composition of the system including the expected transaction execution rate in transactions per second and the percent of total workload contribution by each statement. In one method, each transaction is further specified as a set of SQL statements each having a parameter list, where the workload contribution of each SQL statement is calculated as a function of the SQL statement parameter list.